

A. Identification and Coding Information

1. Project Number: 033806 Agency Number: S-53.20 Update Code: Change

2. Date: October 1, 2003 Revised:

3. Project Name: Seneca WWTP Ultraviolet Disinfection Facilities 5. Agency: **WSSC**

4. Program: **Sanitation** 6. Planning Area: Lower Seneca P.A. 18

7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

B. Expenditure Schedule (000's)

	(8) Total	(9) Thru FY '03	(10) Estimate FY '04	(11) Total 6 Years	(12) Year 1 FY '05	(13) Year 2 FY '06	(14) Year 3 FY '07	(15) Year 4 FY '08	(16) Year 5 FY '09	(17) Year 6 FY '10	(18) Beyond 6 Years
Cost Elements											
Planning, Design & Supervision	721	84	400	237	169	53	15				
Land											
Site Improvements & Utilities											
Construction	2,703			2,703	1,700	900	103				
Other	501		60	441	280	143	18				
Total	3,925	84	460	3,381	2,149	1,096	136				

C. Funding Schedule (000's)

WSSC Bonds	3,925	84	460	3,381	2,149	1,096	136				
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D. Description & Justification

DESCRIPTION

This project provides for the addition of Ultraviolet (UV) disinfection facilities to replace the existing disinfection facilities. This will reduce disinfection by-products in the effluent and reduce hazardous material handling requirements.

Service Area Seneca Creek Drainage Basin

JUSTIFICATION

Plans & Studies
In-house study (April, 2002)

Specific Data
Ultraviolet disinfection eliminates the need to feed and store a hazardous chemical, and does not form disinfection by-products that are an environmental concern.

Cost Change
Cost Increase: Project cost reflects actual design contract costs and schedule. Design costs increased to include evaluation and design of a small hypochlorite system for secondary disinfection uses.

STATUS Preliminary Design

OTHER
The project scope has remained the same. WSSC will seek federal funding for this project.

COORDINATION
Montgomery County Government, Maryland Department of the Environment and WSSC Projects S-53.18, Seneca WWTP Expansion, S-57.90, Western Branch Ultraviolet Disinfection Facilities and S-96.11, Piscataway Ultraviolet Disinfection Facilities.

NOTE This project supports 100% System Improvement.

E. Annual Operating Budget Impact (000's) FY of Impact

Program Costs	Staff		
	Other		
Facility Costs	Maintenance		
	Debt Service	293	08
Total Costs.....		293	08
Impact on Water or Sewer Rate.....			

F. Approval and Expenditure Data (000's)

Date First in Capital Program FY 04

Date First Approved FY 03

Initial Cost Estimate 3,502

Cost Estimate Last FY 3,502

Present Cost Estimate 3,925

Approved Request, Last FY 190

Total Expenditures & Encumbrances 586

Approval Request FY 05 2,149

Supplemental Approval Request
Current FY (04)

G. Status Information

Land Status: No land or R/W required

% Project Completion: D-3%

Est. Completion Date: FY 2007

H. Map Map Reference Code:

MAP NOT AVAILABLE